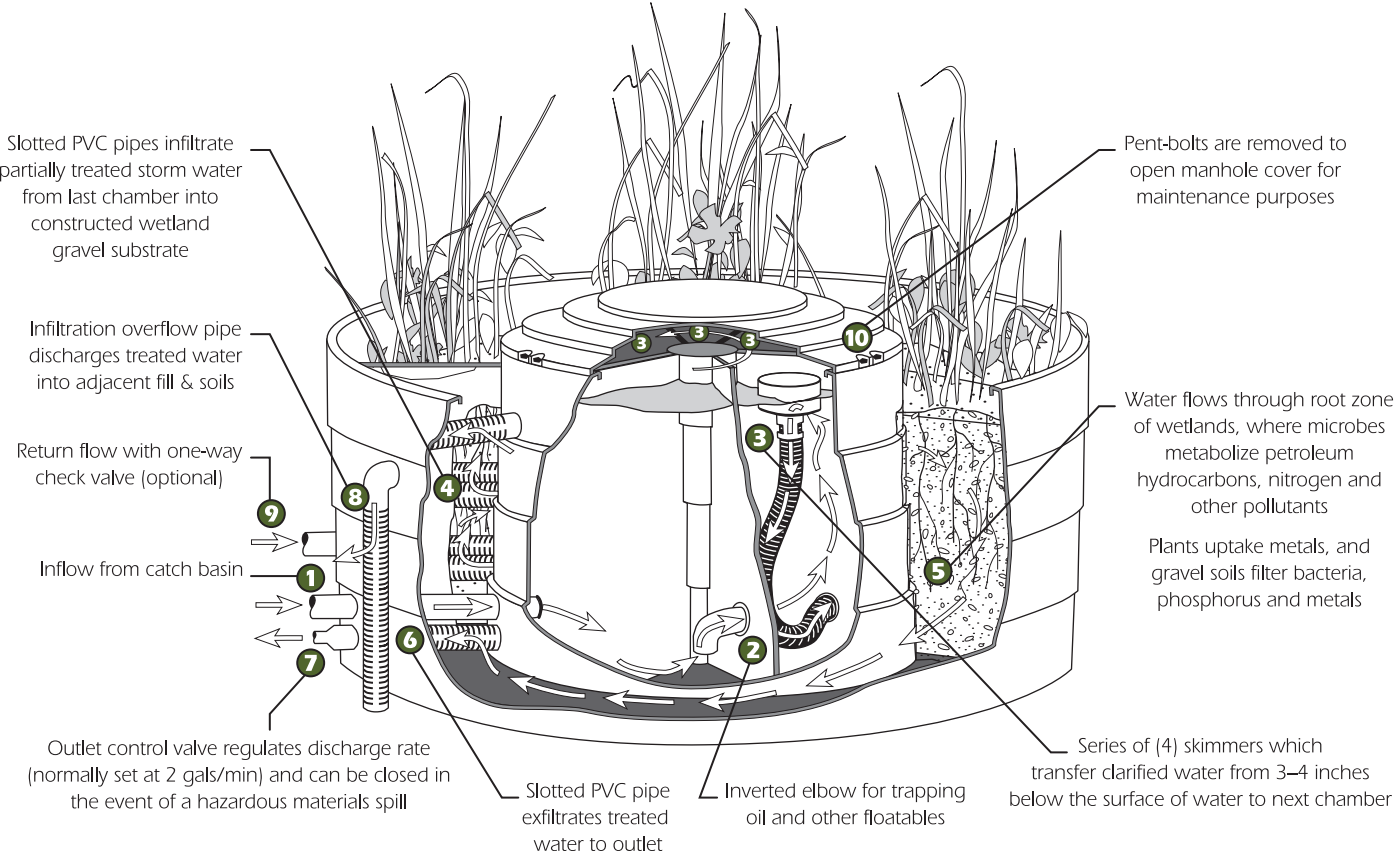
Slotted PVC pipes infiltrate partially treated storm water from last chamber into constructed wetland gravel substrate
Pent-bolts are removed to open manhole cover for maintenance purposes
Infiltration overflow pipe discharges treated water into adjacent fill & soils
Water flows through root zone of wetlands, where microbes metabolize petroleum hydrocarbons, nitrogen and other pollutants
Return flow with one-way check valve (optional)
Plants uptake metals, and gravel soils filter bacteria, phosphorus and metals
Inflow from catch basin
Outlet control valve regulates discharge rate (normally set at 2 gals/min) and can be closed in the event of a hazardous materials spill
Series of (4) skimmers which transfer clarified water from 3–4 inches below the surface of water to next chamber
Slotted PVC pipe exfiltrates treated water to outlet
Inverted elbow for trapping oil and other floatables
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